**ANNUAL REPORT ON GEOTRACES ACTIVITIES IN THE NETHERLANDS**

May 1st, 2017 to March 30th, 2018

**New scientific results**

Progress is being made with the interpretation and publication of results from cruises GA02 and GA04N. A process study was done aboard the research icebreaker Araon in collaboration with the Korean Polar Research Institute, where 19 stations were sampled in the Amundsen Sea and Antarctic Circumpolar Current. Additionally, three bio-assays were performed to test the effects of temperature and iron additions. Samples are currently being transported and will be analysed over the coming year(s). Additionally, water column samples were collected at 2 stations on a cruise in the Gulf of Mexico with RV Pelagia from March 12 – April 4, 2018. St Maarten – Nassau. Benthic flux measurements with landers and pore water sampling was carried out at the same stations. Analyses of Fe and other elements are planned (flow injection for Fe, SEAFAST-ICP-MS analyses)

**New publications (published or in press)**

- Middag, R., van Heuven, S.M.A.C., de Baar, H.J.W., Bruland, K.W., in press. The relationship between cadmium and phosphate in the Atlantic Ocean unravelled. Accepted for publication in *Earth and planetary science letters*.


**Cruises**

- ANA08B, Amundsen Sea cruise Antarctica aboard the R.V. Araon from December 18th 2017 till February 11th 2018.

**Meetings**


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